ABSTRACT

The present invention discloses a process unit (10) comprising a real data generator (12), a buffer (14) buffering the data and a queue length monitor (16), which regulates the data generator (12) depending on the queue length. The system is characterized by a dummy load generator (18), storing dummy data in the same buffer (14) at a dummy data rate. The queue length monitor (16) regulates this dummy data rate. The process unit (10) may also be used in a system (1), further comprising a transmitter (20), a link (22) and a receiver (24) and possibly also other process units. The advantages with the present invention is that a faster regulation can be achieved, also for slowly reacting process units, which counteract overflow in the buffers (14). Furthermore, the queue lengths are possible to reduce and the delays of data are reduced.

(Fig. 1)